

Refine Search

Search Results -

Terms	Documents
L18 and L3	0

Database:

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 US Patents Full-Text Database
 US OCR Full-Text Database
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 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L20

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Search History

DATE: Thursday, June 30, 2005 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u> <u>Query</u> side by side	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR</i>		
<u>L20</u> L18 and L3	0	<u>L20</u>
<u>L19</u> L18 and L1	1	<u>L19</u>
<u>L18</u> L16 or L17	29	<u>L18</u>
<u>L17</u> ('6442276' '5768384')[URPN] (5768384 4463250 5822739 5598477 5384846 5420924 3833795 <u>L16</u> 5818021 5426700 5367148 5592561 6073114 4879747 5422954 6105004 5666421)! [PN]	13	<u>L17</u>
<u>L15</u> ('6442276' '5768384')[PN]	16	<u>L16</u>
<u>L14</u> ('6442276' '5768384')[URPN]	2	<u>L15</u>
<u>L13</u> 5768384.pn. or 6442276.pn.	13	<u>L14</u>
<u>L12</u> 5768384.pn. or 6442376.pn.	2	<u>L13</u>
	2	<u>L12</u>

(4962532 | 5473564 | 5060261 | 5327018 | 5120939 | 5191498 | 5657388 |
 5394359 | 4802218 | 4827450 | 4847890 | 4916333 | 4868489 | 5060198 |

<u>L11</u>	5512852 4295039 5291434 4218738 5097146 5444412 4900904 5550919 5576989 5022001 5740403 5442589 5892211 4864618 5448187 4900903 5420412 5534686 5552621 5721440 4710613 4881199 5381452 4962449 5577121)![PN] and l1	0	<u>L11</u>
<u>L10</u>	(4962532 5473564 5060261 5327018 5120939 5191498 5657388 5394359 4802218 4827450 4847890 4916333 4868489 5060198 5512852 4295039 5291434 4218738 5097146 5444412 4900904 5550919 5576989 5022001 5740403 5442589 5892211 4864618 5448187 4900903 5420412 5534686 5552621 5721440 4710613 4881199 5381452 4962449 5577121)![PN] and l3	0	<u>L10</u>
	<i>DB=PGPB,USPT; THES=ASSIGNEE; PLUR=YES; OP=OR</i>		
<u>L9</u>	(4962532 5473564 5060261 5327018 5120939 5191498 5657388 5394359 4802218 4827450 4847890 4916333 4868489 5060198 5512852 4295039 5291434 4218738 5097146 5444412 4900904 5550919 5576989 5022001 5740403 5442589 5892211 4864618 5448187 4900903 5420412 5534686 5552621 5721440 4710613 4881199 5381452 4962449 5577121)![PN]	39	<u>L9</u>
<u>L8</u>	('6152367' '6058481')[PN]	2	<u>L8</u>
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	<i>DB=PGPB,USPT; THES=ASSIGNEE; PLUR=YES; OP=OR</i>		
<u>L6</u>	('6152367' '6058481')[URPN]	1	<u>L6</u>
<u>L5</u>	6152367.pn. or 6058481.pn.	2	<u>L5</u>
<u>L4</u>	6152367.pn. r 6058481.pn.	1910373	<u>L4</u>
<u>L3</u>	L2 and (zero\$)	5	<u>L3</u>
<u>L2</u>	L1	20	<u>L2</u>
	<i>DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR</i>		
<u>L1</u>	(electronic\$ near2 (tag\$1 or label\$1)) same ((verif\$ or authentic\$) with (product or item\$1 or goods))	20	<u>L1</u>

END OF SEARCH HISTORY

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Generate Collection

L5: Entry 1 of 2

File: USPT

Nov 28, 2000

US-PAT-NO: 6152367

DOCUMENT-IDENTIFIER: US 6152367 A

TITLE: Wired logic microcircuit and authentication method having protection against fraudulent detection of a user secret code during authentication

DATE-ISSUED: November 28, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kowalski; Jacek	Les Jardins des			FR

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE	CODE
Inside Technologies	Saint Clement les Places			FR		03

APPL-NO: 09/ 043762 [PALM]

DATE FILED: March 26, 1998

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	APPL-DATE
FR	95 12178	October 9, 1995

PCT-DATA:

APPL-NO	DATE-FILED	PUB-NO	PUB-DATE	371-DATE	102(E)-DATE
PCT/FR96/01524	October 1, 1996	WO97/14119	Apr 17, 1997	Mar 26, 1998	Mar 26, 1998

INT-CL: [07] G06 K 5/00

US-CL-ISSUED: 235/382; 235/380

US-CL-CURRENT: 235/382; 235/380

FIELD-OF-SEARCH: 235/382, 235/380, 235/375, 235/379

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
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<input type="checkbox"/> <u>4710613</u>	December 1987	Shigenaga	235/380

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<input type="checkbox"/>	<u>5740403</u>	April 1998	Kowalski	395/491
<input type="checkbox"/>	<u>5892211</u>	April 1999	Davis et al.	235/380

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO
0 028 965

PUBN-DATE
May 1981

COUNTRY
EP

US-CL

0 029 894	June 1981	EP
0 427 465	May 1991	EP
2650097	January 1991	FR
2698195	May 1994	FR
2144564	March 1985	GB
WO 92/06451	April 1992	WO
WO 92/15096	September 1992	WO
WO 92/15074	September 1992	WO
WO 94/11829	May 1994	WO

ART-UNIT: 286

PRIMARY-EXAMINER: Hajec; Donald

ASSISTANT-EXAMINER: Fureman; Jared J.

ATTY-AGENT-FIRM: Nilles & Nilles SC

ABSTRACT:

An authentication method for a wired-logic microcircuit mounted on a support and a microcircuit reading terminal. The microcircuit is provided with a memory which has data readable by the terminal. A secret code of the microcircuit is arranged in a region of the memory that is not readable by the terminal. The microcircuit generates an authentication code from the data in the memory that is readable by the terminal, the secret code and a random code. The terminal generates an authentication code from the data in the microcircuit memory that is readable by the terminal, a secret code provided to the terminal by a microcircuit user and random code, and the authentication code generated by the microcircuit is compared with the authentication code generated by the terminal.

21 Claims, 3 Drawing figures

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L5: Entry 2 of 2

File: USPT

May 2, 2000

US-PAT-NO: 6058481

DOCUMENT-IDENTIFIER: US 6058481 A

TITLE: Smart cards

DATE-ISSUED: May 2, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kowalski; Jacek	Les Jardins des Seignieres			FR

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE	CODE
Inside Technologies	Saint Clement les Places			FR		03

APPL-NO: 09/ 043761 [PALM]

DATE FILED: March 26, 1998

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	APPL-DATE
FR	95 12176	October 9, 1995

PCT-DATA:

APPL-NO	DATE-FILED	PUB-NO	PUB-DATE	371-DATE	102(E)-DATE
PCT/FR96/01541	October 1, 1996	WO97/14120	Apr 17, 1997	Mar 26, 1998	Mar 26, 1998

INT-CL: [07] G09 C 3/08

US-CL-ISSUED: 713/201; 713/168, 380/255

US-CL-CURRENT: 713/201; 380/255, 713/168

FIELD-OF-SEARCH: 380/255, 380/268, 713/161, 713/168, 713/179, 713/201

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

[Search Selected](#) [Search ALL](#) [Clear](#)

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
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<u>4827450</u>	May 1989	Kowalski	365/185

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<input type="checkbox"/>	<u>4847890</u>	July 1989	Solomon et al.	379/67
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<input type="checkbox"/>	<u>4962449</u>	October 1990	Schlesinger	713/200
<input type="checkbox"/>	<u>4962532</u>	October 1990	Kasiraj et al.	380/25
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<input type="checkbox"/>	<u>5327018</u>	July 1994	Karlish et al.	307/244
<input type="checkbox"/>	<u>5381452</u>	January 1995	Kowalski	377/26
<input type="checkbox"/>	<u>5394359</u>	February 1995	Kowalski	365/185
<input type="checkbox"/>	<u>5420412</u>	May 1995	Kowalski	235/492
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<input type="checkbox"/>	<u>5721440</u>	February 1998	Kowalski	257/300
<input type="checkbox"/>	<u>5740403</u>	April 1998	Kowalski	395/491

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
0 409 701	January 1991	EP	
2164939	August 1973	FR	
2471003	June 1981	FR	
WO 92/06451	April 1992	FR	
WO 92/15096	September 1992	FR	
WO 92/15074	September 1992	FR	
2698195	May 1994	FR	

WO 94/11829

May 1994

FR

ART-UNIT: 277

PRIMARY-EXAMINER: Peeso; Thomas R.

ATTY-AGENT-FIRM: Nilles & Nilles, S.C.

ABSTRACT:

A logic machine and a circuit for producing an authentication code for authenticating smart cards which include a cycle of steps wherein a bit word is read out of a secret memory with a plurality of bit words, and words read out during previous cycles are combined. The result of the combination is used as a generator word for generating the address of the word to be read out in the next cycle.

11 Claims, 7 Drawing figures

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Search Results -

Terms	Documents
(4962532 5473564 5060261 5327018 5120939 5191498 5657388 5394359 4802218 4827450 4847890 4916333 4868489 5060198 5512852 4295039 5291434 4218738 5097146 5444412 4900904 5550919 5576989 5022001 5740403 5442589 5892211 4864618 5448187 4900903 5420412 5534686 5552621 5721440 4710613 4881199 5381452 4962449 5577121)! [PN] and L1	0

Database:

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 IBM Technical Disclosure Bulletins

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L11

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 DATE: Thursday, June 30, 2005 [Printable Copy](#) [Create Case](#)

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DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

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0 L10

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L4 6152367.pn. r 6058481.pn. 1910373 L4
L3 L2 and (zero\$) 5 L3
L2 L1 20 L2
DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR
L1 (electronic\$ near2 (tag\$1 or label\$1)) same ((verif\$ or authentic\$) with 20 L1
 (product or item\$1 or goods))

END OF SEARCH HISTORY

5768 384
 6442376

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Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 6886745 B2

L3: Entry 1 of 5

File: USPT

May 3, 2005

US-PAT-NO: 6886745

DOCUMENT-IDENTIFIER: US 6886745 B2

TITLE: Electronic label system for displaying prices in a sale outlet

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. De
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A⁺ ☐ 2. Document ID: US 6152367 A

L3: Entry 2 of 5

File: USPT

Nov 28, 2000

US-PAT-NO: 6152367

DOCUMENT-IDENTIFIER: US 6152367 A

TITLE: Wired logic microcircuit and authentication method having protection against fraudulent detection of a user secret code during authentication

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. De
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☐ 3. Document ID: US 6147773 A

L3: Entry 3 of 5

File: USPT

Nov 14, 2000

US-PAT-NO: 6147773

DOCUMENT-IDENTIFIER: US 6147773 A

** See image for Certificate of Correction **

TITLE: System and method for a communication system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. De
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A⁺ ☐ 4. Document ID: US 6058481 A

L3: Entry 4 of 5

File: USPT

May 2, 2000

US-PAT-NO: 6058481

DOCUMENT-IDENTIFIER: US 6058481 A

TITLE: Smart cards

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 5. Document ID: US 5754306 A

L3: Entry 5 of 5

File: USPT

May 19, 1998

US-PAT-NO: 5754306

DOCUMENT-IDENTIFIER: US 5754306 A

TITLE: System and method for a communication system

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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Terms	Documents
L2 and (zero\$)	5

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L19: Entry 1 of 1

File: USPT

Apr 19, 2005

US-PAT-NO: 6880753

DOCUMENT-IDENTIFIER: US 6880753 B2

TITLE: Distribution management method and system

DATE-ISSUED: April 19, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ogihara; Masaki	Yokohama			JP
Mizuno; Yasuhiko	Sakura			JP
Itsuki; Rei	Yokohama			JP

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Hitachi, Ltd.	Tokyo			JP	03

APPL-NO: 10/ 222956 [\[PALM\]](#)

DATE FILED: August 15, 2002

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	APPL-DATE
JP	2001-341370	November 7, 2001

INT-CL: [07] G06F01760

US-CL-ISSUED: 235/385; 235/485, 235/487

US-CL-CURRENT: [235/385](#); [235/485](#), [235/487](#)

FIELD-OF-SEARCH: 235/385, 235/375, 235/380, 235/487, 705/22, 705/28, 705/67, 705/57, 705/14, 340/572.1, 380/201, 380/51, 380/55, 380/202

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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<input type="checkbox"/> 5153842	October 1992	Dlugos et al.	700/227

<input type="checkbox"/> <u>5469363</u>	November 1995	Saliga	700/225
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<input type="checkbox"/> <u>5950173</u>	September 1999	Perkowski	705/26
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<input type="checkbox"/> <u>6707539</u>	March 2004	Selinfreund et al.	356/71
<input type="checkbox"/> <u>2001/0018669</u>	August 2001	Fujiwara	705/26
<input type="checkbox"/> <u>2004/0064510</u>	April 2004	Ooi et al.	709/205

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
2811454	January 2002	FR	
62-065163	March 1987	JP	
2000-148950	May 2000	JP	
2003-825008	April 2002	JP	
10-2002-0016949	March 2002	KR	

ART-UNIT: 2876

PRIMARY-EXAMINER: Le; Thien M.

ASSISTANT-EXAMINER: Labaze; Edwyn

ATTY-AGENT-FIRM: Townsend and Townsend and Crew LLP

ABSTRACT:

In one embodiment, a product distribution management system includes a product management center. The product management center includes a management device to receive product security data on a product from a distribution site and a product management database to store the data received from the distribution site for use in a product authentication process. The data includes product identification information and security information used to authenticate the product.

27 Claims, 9 Drawing figures

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L19: Entry 1 of 1

File: USPT

Apr 19, 2005

DOCUMENT-IDENTIFIER: US 6880753 B2

TITLE: Distribution management method and system

Brief Summary Text (16):

In yet another embodiment, a product authentication method includes retrieving tag identification information identifying a product at a first distribution site by reading an electronic tag attached to the product; associating the tag identification information with first security information relating to the product to generate a first distribution record, the first security information including product-distribution-related information; transmitting the first distribution record to a product management center that is provided at a remote location from the first distribution site; storing the first distribution record in the product management center; retrieving the tag identification information at a second distribution site by reading the electronic tag attached to the product, wherein the product has been received from the first distribution site; generating product data including the tag identification information at the second distribution site; transmitting the product data to the product management center from the second distribution site; retrieving at least a portion of the first distribution record from the product management center using the product data; evaluating the authenticity of the product using the retrieved portions of the first distribution record; and storing a result of the evaluation to the product management center.

Detailed Description Text (4):

The manufacturer 100 manufactures a product 180 and ships it to a distributor/wholesaler 110. The distributor/wholesaler 110 ships the received product 180 to a retailer 120. The retailer 120 sells the product 180 to a consumer 160. The tag management center 150 makes and provides a tag 170, e.g., an electronic tag, to the manufacturer 100. The product distribution management center 130 stores and manages security information on the product 180 as it passes from one distribution site to another, e.g., the manufacturer 100, the distributor/wholesaler 110, the retailer 120, and the consumer 160. The product authenticity evaluation site 140 enables a person, e.g., a consumer, to authenticate the product 180. The tag 170 is an electronic device including a non-volatile memory for storing identification information. In the present embodiment, the information stored in the tag 170 is a unique identification information that is associated with a given product to identify and authenticate it. In another embodiment, the tag 170 is a non-electronic device, e.g., a bar code.

US Reference Patent Number (5):

5768384

US Reference Patent Number (16):

6442276

CLAIMS:

22. A product authentication method, comprising: retrieving tag identification information identifying a product at a first distribution site by reading an

electronic tag attached to the product; associating the tag identification information with first security information relating to the product to generate a first distribution record, the first security information including product-distribution-related information; transmitting the first distribution record to a product management center that is provided at a remote location from the first distribution site; storing the first distribution record in the product management center; retrieving the tag identification information at a second distribution site by reading the electronic tag attached to the product, wherein the product has been received from the first distribution site; generating product data including the tag identification information at the second distribution site; transmitting the product data to the product management center from the second distribution site; retrieving at least a portion of the first distribution record from the product management center using the product data; evaluating the authenticity of the product using the retrieved portions of the first distribution record; and storing a result of the evaluation to the product management center for use in a product authentication process at the third distribution site.

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L19: Entry 1 of 1

File: USPT

Apr 19, 2005

US-PAT-NO: 6880753

DOCUMENT-IDENTIFIER: US 6880753 B2

TITLE: Distribution management method and system

DATE-ISSUED: April 19, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Hitachi, Ltd.	Tokyo			JP	03

APPL-NO: 10/ 222956 [\[PALM\]](#)

DATE FILED: August 15, 2002

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	APPL-DATE
JP	2001-341370	November 7, 2001

INT-CL: [07] G06F01760

US-CL-ISSUED: 235/385; 235/485, 235/487

US-CL-CURRENT: [235/385](#); [235/485](#), [235/487](#)

FIELD-OF-SEARCH: 235/385, 235/375, 235/380, 235/487, 705/22, 705/28, 705/67, 705/57, 705/14, 340/572.1, 380/201, 380/51, 380/55, 380/202

PRIOR-ART-DISCLOSED:

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<input type="checkbox"/> <u>2001/0018669</u>	August 2001	Fujiwara	705/26
<input type="checkbox"/> <u>2004/0064510</u>	April 2004	Ooi et al.	709/205

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